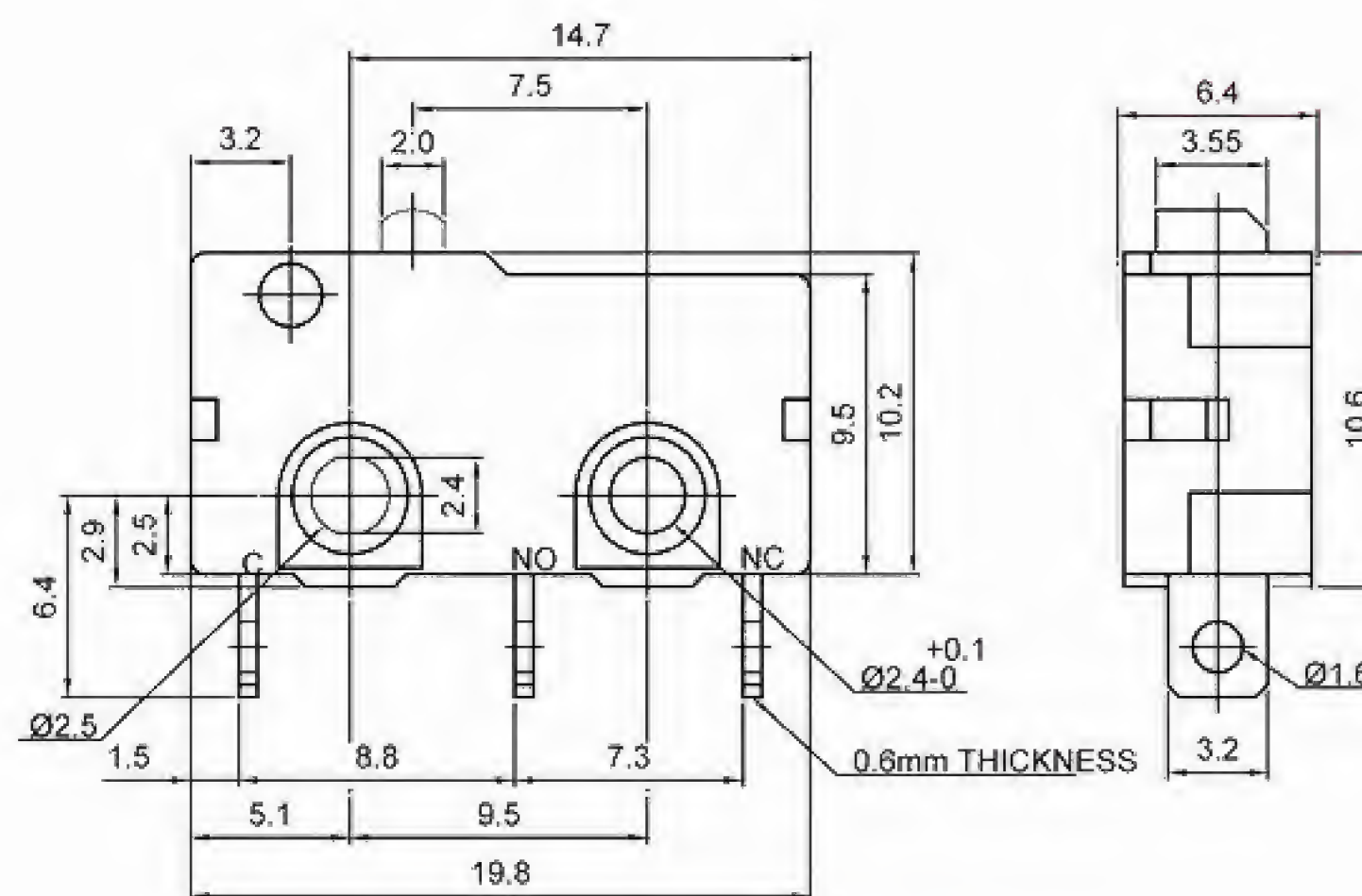




SM SERIES

DIMENSIONS (Unless otherwise specified, a tolerance of ± 0.4 mm applies to all dimensions.)



SPECIFICATIONS

Contact Resistance (initial).....	Max. 300m Ω
Insulation Resistance (at 500VDC/minute).....	Min. 100M Ω
Dielectric Strength.....	1000VAC (50~60Hz)
Storage Temperature Range.....	-25°C to 85°C
Storage Humidity.....	at 40°C, Max. 85% R.H
Operating Temperature range	-40°C to 125°C
Vibration.....	10~55Hz, displacement 0.75mm (p-p)
Electrical Service Life.....	0.1A - Min. 1,000,000 operations Other rating - Min. 6,000 operations
Electrical Operating Frequency	0.1A - 120 operations per minute Other rating - 10~30 operations per minute
Mechanical Service Life.....	Min. 10,000,000 operations
Mechanical Operating Frequency.....	120 operations per minute

CONTACT CONFIGURATION



APPLICATION

Telephone, Air conditioner, Computer, Humidifier, Alarm, Time recorder, Mixer & Chopper, Solder gun, Neon phone, Fax machine, Joystick, Water pump, Gas detector, Pencil sharpener, Money sorter, Food processor, Electric knife, Toy car, Juicer, Electric steak pan.

CERTIFICATE INFORMATION

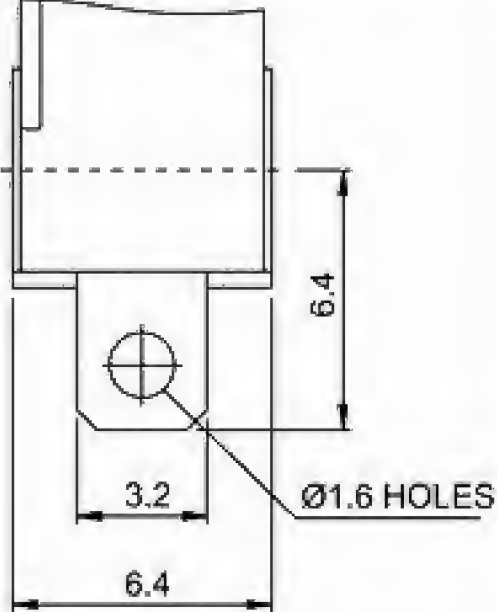
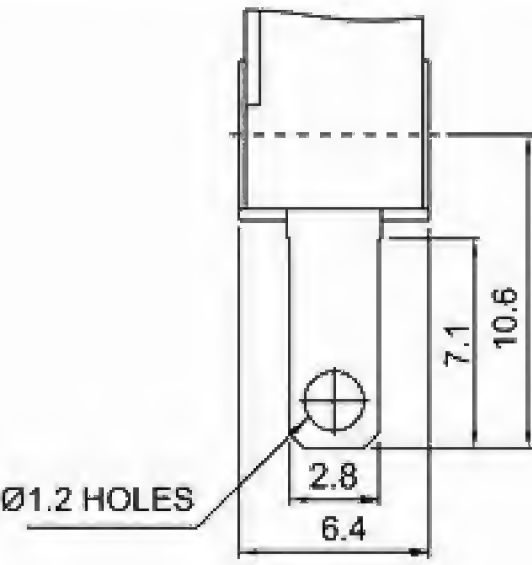
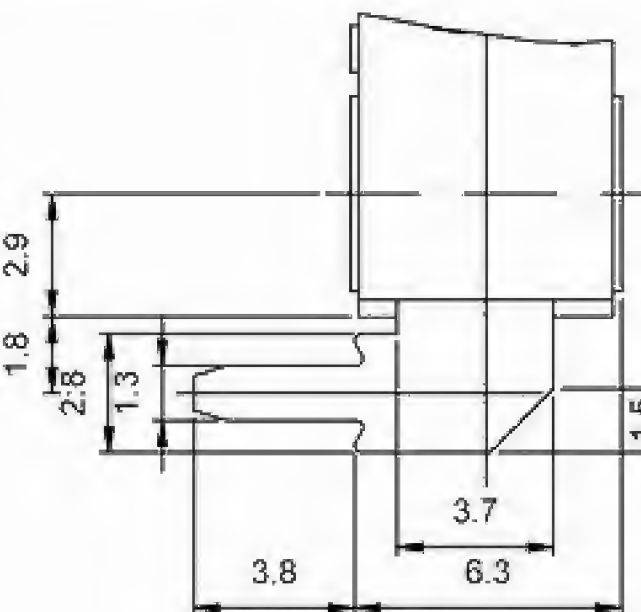
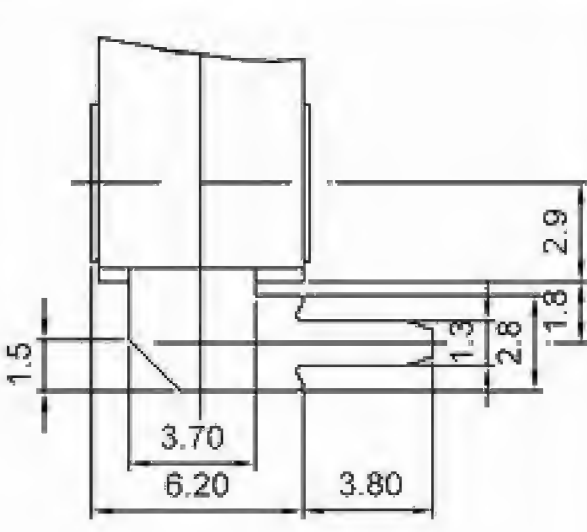
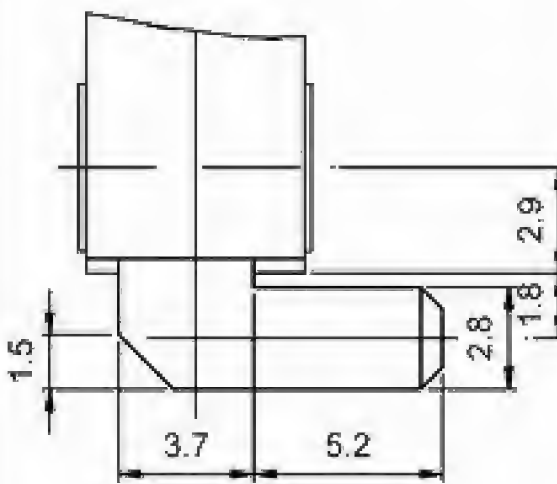
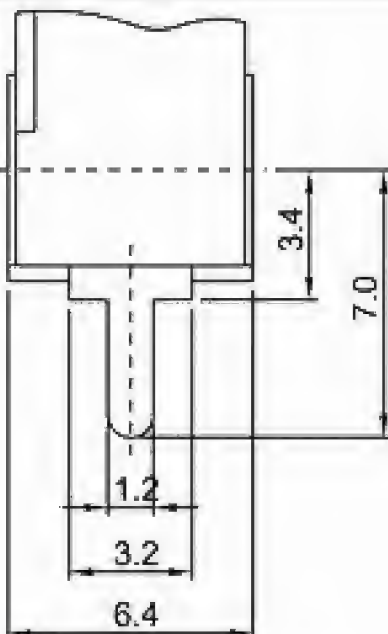
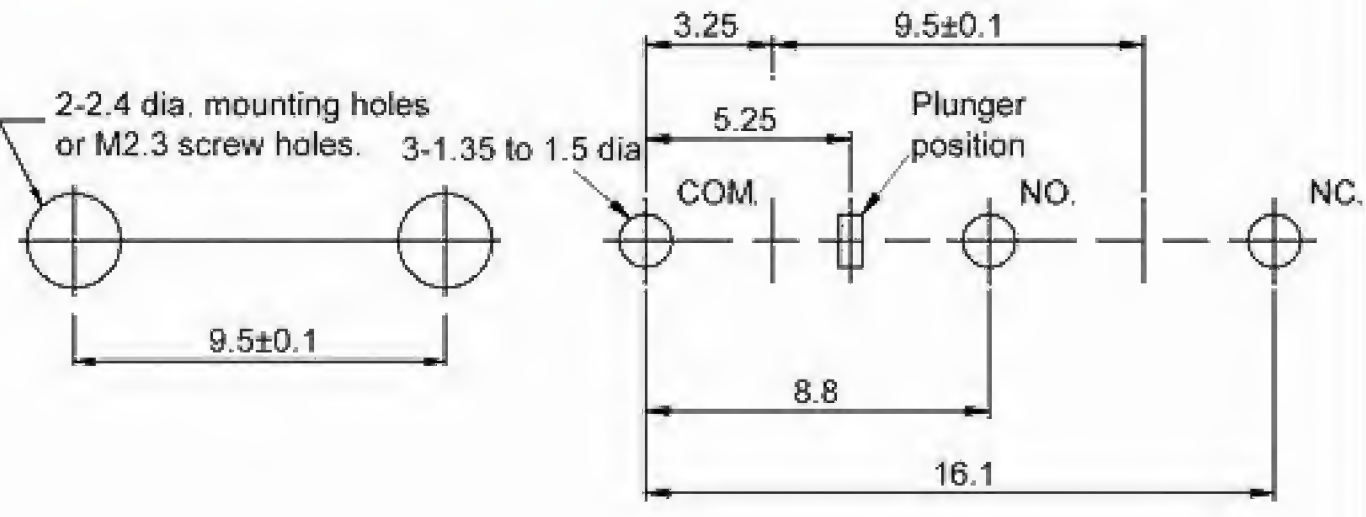
Model Name	UL	CSA	ENEC14
SM-P1 SM-G1	0.1A 125/250VAC 0.1A 30VDC (Temp:120°C) Min. 10,000 operations	0.1A 125/250VAC 0.1A 30VDC Min. 6,000 operations	Non
SM-G5	5A 125/250VAC (Temp:120°C) Min. 10,000 operations	5A 125/250VAC/30VDC Min. 6,000 operations	Non
SM-05	5A 125/250VAC (Temp:120°C) Min. 10,000 operations	5A 125/250VAC/30VDC Min. 6,000 operations	5A 125/250VAC,u40T125 1E4 (Only for H, Q, T force
SM-10	10.1A 125/250VAC Min. 6,000 operations 5A 125/250VAC (Temp:120°C) Min. 100,000 operations	Non	Non

THE SELECTION OF RATING & FORCE

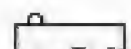















MODEL	RATING	D	L	S	H	Q	T
SM	0.1A	*	*	*	*	*	*
	5A		*	*	*	*	*
	10.1A				*	*	*

THE Symbol "*" to represent the result is accept

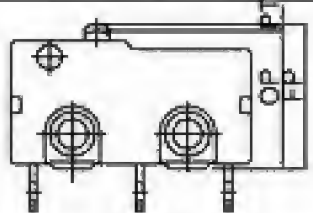
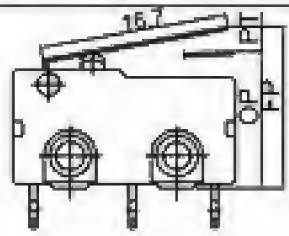
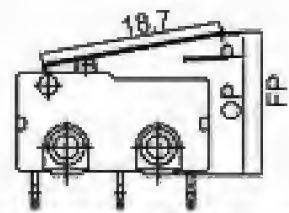
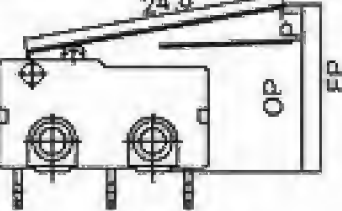
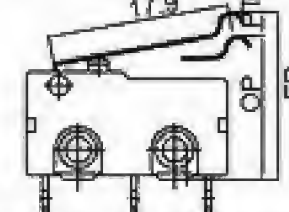
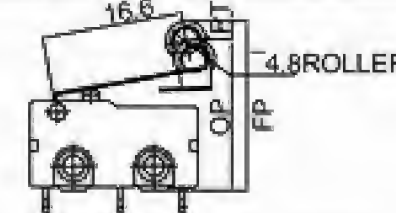
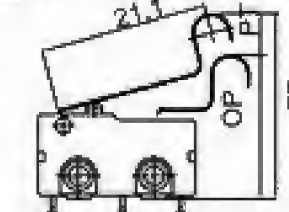
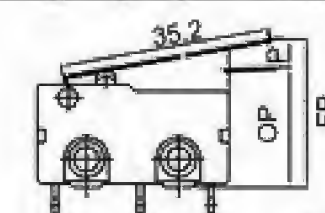
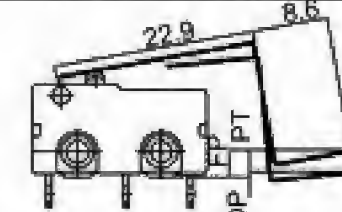
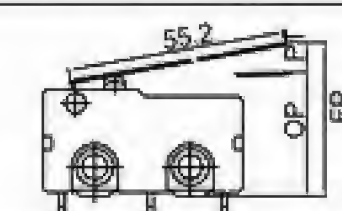
TERMINAL TYPES (The thickness of each terminal is 0.6)

Solder terminal A TYPE	Quick connect terminal B TYPE (#110)	Side PCB terminal C TYPE	Side PCB terminal D TYPE
			
Side PCB terminal E TYPE	PCB terminal P TYPE	MOUNTING HOLES (For PCB Terminal)	
			

ORDERING INFORMATION

S	M	0 5		S	0 3		P	0	Z			
SERIES PREFIX		C O D E	RATING CURRENT	C O D E	OPERATING FORCE	C O D E	ACTUATOR TYPE	C O D E	TERMINAL TYPE	C O D E	CIRCUIT ARRANGEMENT	ROHS CODE
		P1	0.1A 30VDC 0.1A 125/250VAC	T	MAX HEAVIER	00		A		0	S.P.D.T.	
		05	5A 125/250VAC	Q	HEAVIER	01		B		1	S.P.S.T. NO	
		10	10.1A 125/250VAC	H	HEAVY	02		C		2	S.P.S.T. NC	
				S	STANDARD	03		D				
				L	LIGHT	04		E				
				D	SLIGHT	05		P				
						06						
						07						
						08						
						09						

ORDERING CHARACTERISTICS

SWITCH TYPE	PART SUFFIX	OF MAX. (gf)		OP (mm)	PT MAX. (mm)	OT Min. (mm)	MD MAX. (mm)	FP MAX. (mm)	RF Min. (gf)
SM□□□-00□□-Z		H	249	11.4±0.3	1.1	0.4	0.2	12.2	50
		S	146						35
		L	104						20
SM□□□-01□□-Z		H	60	11.8±0.8	3.6	0.6	0.8	14.6	15
		S	35						10
		L	25						6
SM□□□-02□□-Z		H	55	11.8±0.9	4.0	0.6	0.8	14.9	13
		S	33						8
		L	25						6
SM□□□-03□□-Z		H	45	11.8±1.5	6.1	0.8	1.5	16.4	9
		S	25						6
		L	20						5
SM□□□-04□□-Z		H	56	13.7±1.0	4.6	0.8	0.8	17.3	9
		S	34						8
		L	25						5
SM□□□-05□□-Z		H	60	17.5±0.8	3.8	0.8	0.8	20.5	15
		S	35						8
		L	25						6
SM□□□-06□□-Z		H	48	19.0±1.5	5.7	1.0	1.0	23.2	10
		S	28						6
		L	20						4
SM□□□-07□□-Z		H	30	11.8±2.0	8.6	1.5	1.8	18.4	7
		S	20						4
		L	15						2
SM□□□-08□□-Z		H	30	-2.3±3.0	6.0	1.0	1.9	5.4	3
		S	20						4
		L	15						2
SM□□□-09□□-Z		H	18	11.8±3.0	13.3	1.0	2.9	22.1	4
		S	12						2.5
		L	8						1.5